

IN THE CLAIMS:

1 | 1. (Currently Amended) A system ~~adapted~~configured to simplify management of a clus-
2 | tered storage system having a plurality of failover modes, the system comprising:
3 | a user interface system that defines one of a plurality of failover modes; and
4 | a command set implemented by the user interface system and including a com-
5 | mand for setting a cluster mode.

1 | 2. (Currently Amended) The system of claim 1 wherein the user interface system com-
2 | prises a command line interface (CLI) ~~adapted~~configured to support the command set.

1 | 3. (Original) The system of claim 1 wherein the command set further comprises an igroup
2 | command that determines whether a set of initiators may utilize data access command
3 | proxying.

1 | 4. (Original) The system of claim 3 wherein the set of initiators comprises at least one
2 | fibre channel world wide name.

1 | 5. (Original) The system of claim 3 wherein the set of initiators comprises one or more
2 | iSCSI identifiers.

1 | 6. (Original) The system of claim 3 wherein the igroup command sets an igroup option to
2 | determine whether members of a set of initiators may use a partner port for proxying data
3 | access command.

1 | 7. (Original) The system of claim 3 wherein the command set further comprises a cfmode
2 | command that sets a cluster mode for the clustered storage system.

1 8. (Original) The system of claim 7 wherein the cluster mode enables the clustered stor-
2 age system to proxy data access requests received by a first storage system in the clus-
3 tered storage system to a second storage system in the clustered storage system.

1 9. (Original) The system of claim 7 wherein the cluster mode enables a first storage sys-
2 tem in the clustered storage system to assume an identity of a second storage system in
3 the clustered storage system.

1 10. (Original) The system of claim 7 wherein the cluster mode enables proxying of data
2 access requests received by a first storage system in the clustered storage system to a sec-
3 ond storage system in the clustered storage system and further enables the first storage
4 system to assume an identity of the second storage system.

1 11. (Original) The system of claim 1 wherein the command for setting a cluster mode
2 comprises a cfmode command.

1 12. (Original) The system of claim 1 wherein the user interface system further comprises
2 a graphical user interface having functionality to implement the command set.

1 13. (Currently Amended) A method for simplifying management of a clustered storage
2 system having a plurality of failover modes, ~~the method comprising the steps of:~~
3 providing a user interface system; and
4 executing a ~~efmode~~ command supported by the user interface system to set a clus-
5 ter mode for the clustered storage system, the cluster mode defining one of a plurality of
6 failover modes.

1 14. (Original) The method of claim 13 wherein the cluster mode comprises a partner
2 mode; and

3 wherein the clustered storage system is enabled to proxy data access requests re-
4 ceived by a first storage system in the clustered storage system to a second storage sys-
5 tem.

1 15. (Original) The method of claim 13 wherein the cluster mode comprises a standby
2 mode; and

3 wherein a first storage system in the clustered storage system is enabled to assume
4 an identity of a second storage system in the clustered storage system.

1 16. (Currently Amended) The method of claim 13 further comprising ~~the step of provid-~~
2 ing a GUI implementing commands available through the user interface system.

1 17. (Currently Amended) The method of claim 13 further comprising ~~the step of provid-~~
2 ing a GUI window for setting a cluster mode of the clustered storage system.

1 18. (Currently Amended) The method of claim 16 further comprising ~~the step of provid-~~
2 ing a GUI window for setting a proxy option for an initiator group.

1 19. (Currently Amended) A system ~~adapted~~ configured to simplify management of a
2 clustered storage system having a plurality of failover modes, the system comprising:
3 user interface means for implementing a command line interface; and
4 means for setting a cluster mode, the cluster mode defining one of a plurality of
5 failover modes.

1 20. (Original) The system of claim 19 further comprising means for determining whether
2 a set of initiators may utilize data access command proxying.

1 21. (Original) The system of claim 19 wherein user interface means further comprises
2 means for determining whether a set of initiators may utilize data access command
3 proxying.

1 22. (Original) The system of claim 21 wherein the set of initiators comprises at least one
2 fibre channel world wide name.

1 23. (Original) The system of claim 21 wherein the set of initiators comprises one or more
2 iSCSI identifiers.

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1 24. (Original) The system of claim 19 wherein the cluster mode enables the clustered
2 storage system to proxy data access requests received by a first storage system in the
3 clustered storage system to a second storage system in the clustered storage system.

1 25. (Original) The system of claim 19 wherein the cluster mode enables a first storage
2 system in the clustered storage system to assume an identity of a second storage system
3 in the clustered storage system.

1 26. (Original) The system of claim 19 wherein the cluster mode enables proxying of data
2 access requests received by a first storage system in the clustered storage system to a sec-
3 ond storage system in the clustered storage system and further enables the first storage
4 system to assume an identity of the second storage system.

1 27. (Currently Amended) A computer readable medium, including program instructions
2 executing on a computer, for simplifying management of a clustered storage system hav-
3 ing a plurality of failover modes, the computer readable medium including instructions
4 for performing the steps of:
5 providing a user interface system; and

6 | executing a ~~efmode~~ command supported by the user interface system to set a clus-
7 ter mode for the clustered storage system, the cluster mode defining one of a plurality of
8 failover modes.

1 28. (Original) The computer readable medium of claim 27 wherein the cluster mode
2 comprises a partner mode; and
3 wherein the clustered storage system is enabled to proxy data access requests re-
4 ceived by a first storage system in the clustered storage system to a second storage sys-
5 tem.

1 29. (Original) The computer readable medium of claim 27 wherein the cluster mode
2 comprises a standby mode; and
3 wherein a first storage system in the clustered storage system is enabled to assume
4 an identity of a second storage system in the clustered storage system.

1 30. (Original) The computer readable medium of claim 27 further comprising the step of
2 providing a GUI implementing commands available through the user interface system.

1 31. (Original) The computer readable medium of claim 27 further comprising the step of
2 providing a GUI window for setting a cluster mode of the clustered storage system.

1 32. (Original) The computer readable medium of claim 27 further comprising the step of
2 providing a GUI window for setting a proxy option for an initiator group.

1 Please add claim 33 *et al.*

1 33. (New) A system, comprising:

2 an interface that defines one of a plurality of failover modes for a clustered stor-
3 age system; and

4 a command set implemented by the interface, wherein the command set includes a
5 command for setting a cluster mode using one of the plurality of failover modes.

1 34. (New) The system of claim 33, wherein the interface comprises a command line inter-
2 face (CLI) configured to support the command set.

1 35. (New) The system of claim 33, wherein the command set further comprises an igroup
2 command that determines whether a set of initiators may utilize data access command
3 proxying.

1 36. (New) The system of claim 35, wherein the set of initiators comprises at least one fi-
2 bre channel world wide name.

1 37. (New) The system of claim 35, wherein the set of initiators comprises one or more
2 iSCSI identifiers.

1 38. (New) The system of claim 35, wherein the igroup command sets an igroup option to
2 determine whether members of a set of initiators may use a partner port for proxying data
3 access command.

1 39. (New) The system of claim 33, wherein the cluster mode enables the clustered storage
2 system to proxy data access requests received by a first storage system in the clustered
3 storage system to a second storage system in the clustered storage system.

1 40. (New) The system of claim 33, wherein the cluster mode enables a first storage sys-
2 tem in the clustered storage system to assume an identity of a second storage system in
3 the clustered storage system.

1 41. (New) The system of claim 33, wherein the cluster mode enables proxying of data
2 access requests received by a first storage system in the clustered storage system to a sec-
3 ond storage system in the clustered storage system and further enables the first storage
4 system to assume an identity of the second storage system.

1 42. (New) A method, comprising:
2 providing an interface that defines one of a plurality of failover modes for a clus-
3 tered storage system;
4 selecting a command supported by the interface to set a cluster mode for the clus-
5 tered storage system, the cluster mode defining one of a plurality of failover modes; and
6 configuring the clustered storage system into the selected cluster mode.

1 43. (New) The method of claim 42, wherein the interface is a command line interface.

1 44. (New) The method of claim 42, wherein the interface is a graphical user interface.

1 45. (New) The method of claim 42, wherein the selected cluster mode enables the clus-
2 tered storage system to proxy data access requests received by a first storage system in
3 the clustered storage system to a second storage system in the clustered storage system.

1 46. (New) The method of claim 42, wherein the selected cluster mode enables a first stor-
2 age system in the clustered storage system to assume an identity of a second storage sys-
3 tem in the clustered storage system.

- 1 47. (New) The method of claim 42, wherein the cluster mode enables proxying of data
- 2 access requests received by a first storage system in the clustered storage system to a sec-
- 3 ond storage system in the clustered storage system and further enables the first storage
- 4 system to assume an identity of the second storage system.